



PORTABLE CD PLAYER

OWNER'S MANUAL

SB110/SB111/SB110A

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IMPORTANT NOTES

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD,
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**

Avoid installing the unit in locations described below:

- Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- Dusty places.
- Places subject to constant vibration.
- Humid or moist places.

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT
APPAREIL LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN AND INTERLOCKS
DEFEATED.
AVOID EXPOSURE TO BEAM



This product contains a low power Laser Device.

CAUTION

THIS LASER COMPACT DISC PLAYER FUNCTIONS BY HELP OF INVISIBLE LASER LIGHT AND IS EQUIPPED WITH SAFETY SWITCHES TO AVOID EXPOSURE WHEN DOOR IS OPEN AND SAFETY INTERLOCKS ARE DEFEATED. IT IS DANGEROUS TO DEFEAT OR BYPASS SAFETY SWITCHES.



DANGEROUS VOLTAGE

Uninsulated Dangerous Voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.



ATTENTION

The Owner's Manual contains important operating and maintenance instructions.
For your safety, it is necessary to refer to the manual.

This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

Emerson Radio Corp. has produced this audio product under license from Nickelodeon. We have taken great care to make sure your unit was in perfect working order when it left our factory.

It has been designed to give you many years of enjoyment and trouble free operation. Read this manual before operating this unit to become familiar with its features. In the event you require technical assistance, please contact the Emerson Radio Customer Service hotline at 1-800-898-9020. Retain this manual for future reference.

NOTES:

- Please avoid using this unit in places of high temperature or humidity over prolonged periods of time as damage may occur.
- Exposure to direct sunlight in places such as car interiors may cause the unit to become warped and/or lead to malfunctioning.
- Avoid using or storing this unit in dusty or sandy locations.

For future reference, record the serial number in the space provided.

Model No: SB110/SB111/SB110A

Serial No: _____

Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel

<u>Level</u>	<u>Example</u>
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet

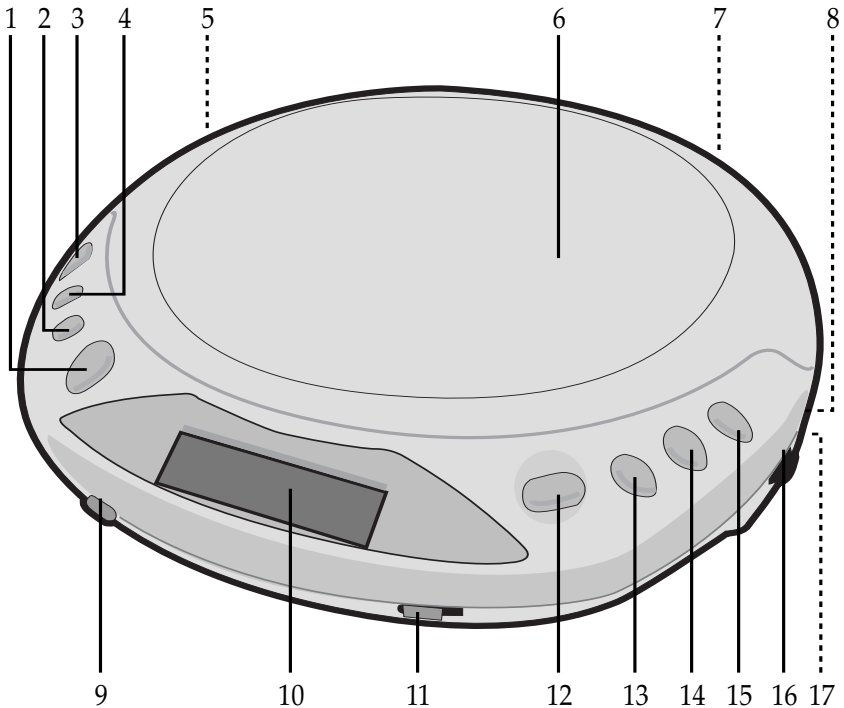
THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE:

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet engine
180	Rocket launching pad



Information courtesy of the Deafness Research Foundation.

LOCATION OF CONTROLS




- | | |
|--|---|
| <ol style="list-style-type: none"> 1. ESP Button 2. MODE Button 3. CD OPEN Button 4. PROG (Program) Button 5. DC 4.5V Jack (Side of Unit) | <ol style="list-style-type: none"> 6. CD Compartment 7. Battery Compartment (Bottom of Unit) 8. LINE OUT Jack (Side of Unit) 9. HOLD Switch 10. Display 11. DBBS (Bass Boost) Switch 12. PLAY/PAUSE (▶) /POWER ON Button 13. STOP (■)/ POWER OFF Button 14. SKIP/SEARCH (◀◀) Button 15. SKIP/SEARCH (▶▶) Button 16. VOLUME Control 17. Headphones Jack (Side of Unit) |
|--|---|



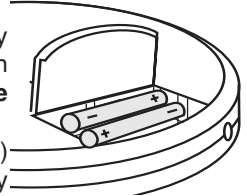
POWER SOURCES

This CD player requires either two (2) “AA” cell batteries (not included) or the AC adapter (not included).

BATTERY INSTALLATION

The battery indicator () will appear in the CD display when the batteries need replacing.

1. Open the CD Compartment, then open the battery compartment door by pressing in on the tab and then lifting it. **To prevent the possibility of losing the cover, it cannot be removed.**
2. Insert two (2) “AA” cell batteries (not included) according to the polarity diagram inside the battery compartment. Alkaline batteries are recommended for the longest playing time.



BATTERY PRECAUTIONS

Follow these precautions when using batteries in this device:

1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated next to the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)

AC OPERATION

To operate the unit using AC power, connect the AC adapter (not included) to a 120V, 60Hz AC outlet only. Plug the small end into the DC 4.5V jack on the side of the unit and connect the other end into the AC outlet. The batteries are automatically disconnected when the AC adapter is used.

CAUTION: When not using AC power, disconnect the AC adapter from the wall outlet by pulling the plug (not the cord). Do not touch the AC adapter with wet hands. Fully insert the plug without exposing any part of the blade.

Input: 120V 60Hz AC

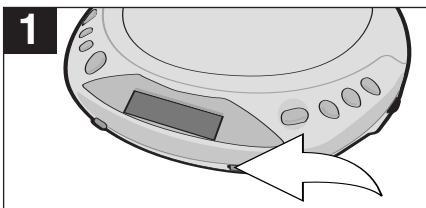
Output: 4.5V DC, 500 mA.

Plug: 1.7 mm Female Type with Positive Center, UL Listed.



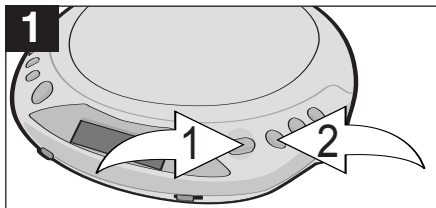
OPERATION

BASS BOOST



To emphasize the bass, slide the DBBS switch to the ON position. For normal bass, slide the DBBS switch to the OFF position.

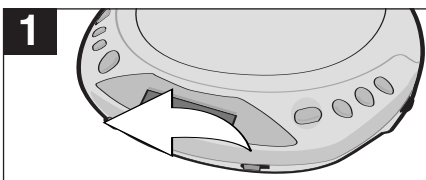
TURNING POWER ON/OFF



To turn the unit on, press the PLAY/PAUSE (▶||)/POWER ON button ①.

To turn unit off, Press the STOP (■)/POWER OFF button ②.

HOLD SWITCH



To prevent accidentally pressing a button while walking, etc., slide the HOLD switch to the ON position; "HOLD" will appear in the display. When you want to use the buttons, slide to the OFF position; "HOLD" will disappear from the display.

AUTO POWER OFF

When the unit is stopped (Standby mode) for approximately one minute, the power will automatically turn off.

Sound Through a Home Audio System

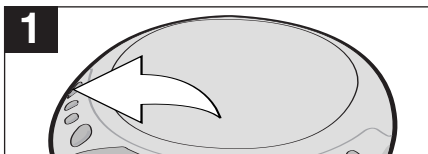
By using a home audio connection cable (not included), superb sound can be heard through your home audio system. Before making any connections, turn off the power to all equipment.

Plug a connection cable (not included) between the LINE OUT jack on the side of the CD player and the amplifier's AUX or CD input jack. (Do not connect it to the amplifier's PHONO jack.)

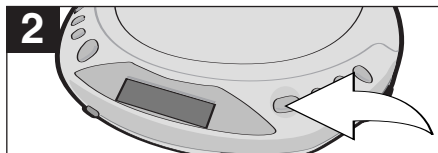
NOTE: If the unit interferes with TV reception, move the unit away from the TV or turn off the power to this unit.

CD OPERATION

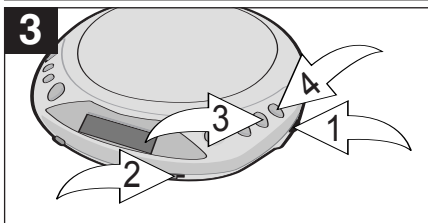
TO PLAY A CD (THIS UNIT CAN PLAY STANDARD OR CDR/RW DISCS)



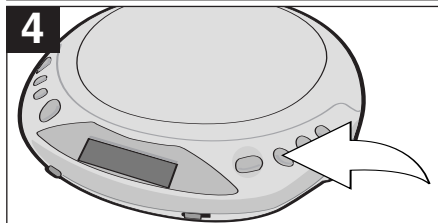
Open the CD compartment lid by pressing the CD OPEN button. Gently press a disc, label side up, onto the spindle until it locks in place. Close the CD compartment lid. Insert headphones into the Headphones jack.



While the unit is off, press the PLAY/PAUSE (▶||)/POWER ON button to start playback. To **pause PLAYBACK**, press the PLAY/PAUSE (▶||)/POWER ON button again, the display will blink. Press once again to resume playback.



Adjust the VOLUME control ❶ and DBBS switch ❷ as desired. To **skip** forward or backward through the tracks on the disc, press the SKIP/SEARCH |◀◀ ❸ or ▶▶ ❹ button. To **search** forward or backward through the tracks on the disc, press and hold the SKIP/SEARCH |◀◀ ❸ or ▶▶ ❹ button.



When the disc is through playing, it will stop. Press the STOP (■)/POWER OFF button to stop the disc before it is finished; the total number of tracks and playing time will appear. Press the STOP (■)/POWER OFF button again while in the stop mode to turn the unit off or wait approximately 60 seconds and the unit will automatically turn off.

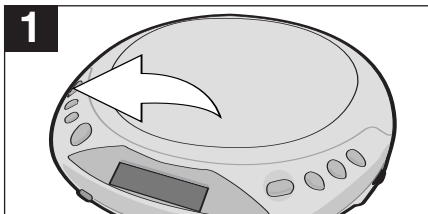
NOTES:

- This unit is capable of playing standard CDs or 3" singles; no adapter is required.
- If a disc is inserted incorrectly, dirty, damaged or not present at all, the display will show "disc".
- As each track is played, the track number and elapsed time are shown in the display.
- To remove the disc, open the CD Compartment, hold the edge of the CD and gently press the center spindle and lift the CD.
- The maximum time of a CD is 74 minutes for this unit.
- "OPEN" will appear in the display when the CD Door is opened.
- This unit will play standard or CDR/RW discs.

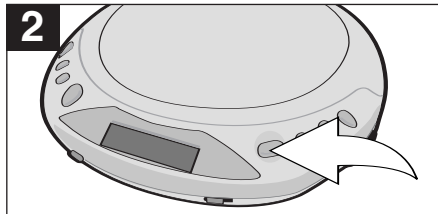
CD OPERATION (CONTINUED)

MOTION PROOF ELECTRONIC ANTI-SHOCK SYSTEM

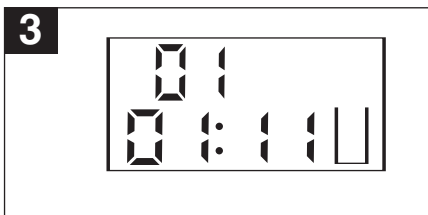
This CD player has a built-in Anti-Shock System that cuts down on CD skipping, which is useful when using the CD player in the car or while jogging/walking. Follow the steps below to activate and understand the Anti-Shock System:



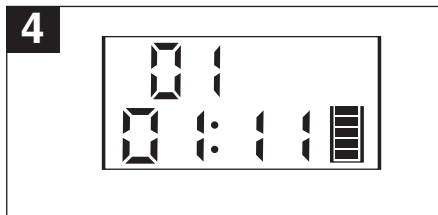
Open the CD compartment lid by pressing the CD OPEN button. Gently press a disc, label side up, onto the spindle until it locks in place. Close the CD compartment lid. Insert headphones into the Headphones jack.



With a CD inserted, press the PLAY/PAUSE (▶||)/POWER ON button to turn the unit on.



The Anti-Shock System will start automatically, the sound will mute for a moment and the display will show the Anti-Shock indicator with no bars in it.



Within a few seconds, the Anti-Shock indicator will fill to indicate music signals are stored in memory.

CONTINUED ON THE NEXT PAGE

CD OPERATION (CONTINUED)

5



If the CD player is subject to vibration during playback, the bars will disappear one by one. During the vibration, the music should continue to play the signals stored in the memory until the CD player can read the music data properly from the disc. At this time, the indicator will probably show fewer bars indicating the music signals stored in memory are low.

6



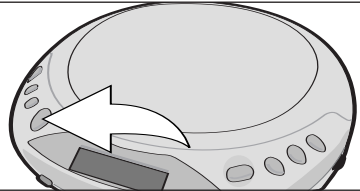
If all the bars disappear and the CD player is subject to immediate vibration, the unit may skip.

7



If no more vibration occurs, the music signals are once again stored into the memory and the indicator returns to full. When the memory is full, the top bar will blink and the disc rotation speed will drop to save power consumption.

8



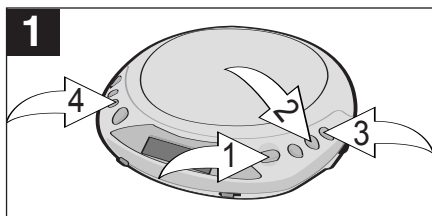
To turn the Anti-Shock System off, press the ESP button.
To turn the Anti-Shock System on, press the ESP button again.


NOTES:

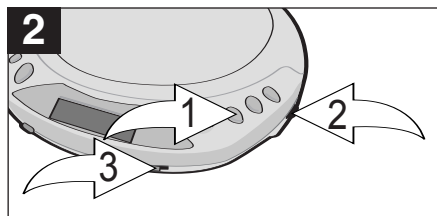
- When the CD player is used in a stable location, turn the Anti-Shock System off by pressing the ESP button. When the Anti-Shock System is Off, battery consumption is less.
- The Anti-Shock System provides for continuous sound output when unit is subject to vibration, but it will not correct errors, such as a defective or dirty CD.

CD OPERATION (CONTINUED)

TO REPEATEDLY PLAY BACK ONE TRACK

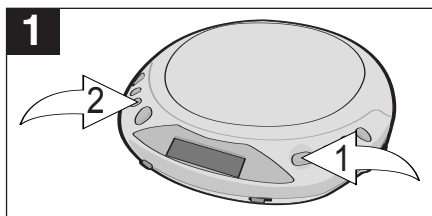



With a CD inserted, press the PLAY/PAUSE (▶||)/POWER ON button ❶ to turn the unit on, then select a track using the SKIP/SEARCH ◀◀ ❷ or ▶▶ ❸ button. Press the MODE button ❹ once; the Repeat 1 indicator  will appear in the display.

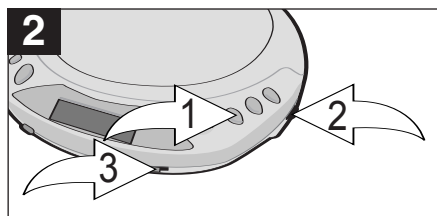


The unit will then play the same track over and over until the STOP (■)/POWER OFF button ❶ is pressed. Adjust the VOLUME control ❷ and DBBS switch ❸ as desired.

TO REPEATEDLY PLAY BACK ALL TRACKS



With a CD inserted, press the PLAY/PAUSE (▶||)/POWER ON button ❶ to turn the unit on. Press the MODE button ❷ twice; the Repeat All indicator  will appear in the display.



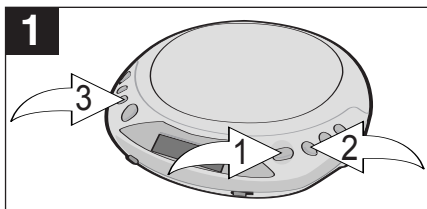
The unit will then play all the tracks on the CD over and over until the STOP (■)/POWER OFF button ❶ is pressed. Adjust the VOLUME control ❷ and DBBS switch ❸ as desired.

TO CANCEL OR STOP REPEAT PLAYBACK

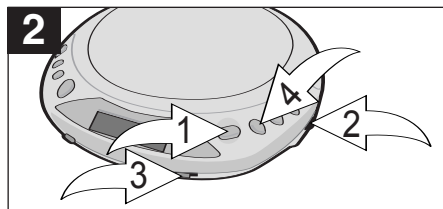
- **TO STOP REPEAT PLAYBACK**, press the STOP (■)/POWER OFF button once.
- **TO CANCEL REPEAT PLAYBACK**, press the MODE button until no repeat indicator appears in the display. The unit will continue normal playback.

CD OPERATION (CONTINUED)

INTRO PLAY



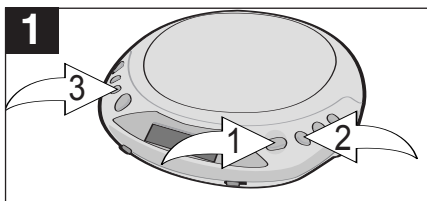
With a CD inserted, press the PLAY/PAUSE (▶||)/POWER ON button ❶ to turn the unit on and press the STOP (■)/POWER OFF button ❷ to stop auto playback. Press the MODE button ❸ three times; the INTRO indicator will appear in the display.



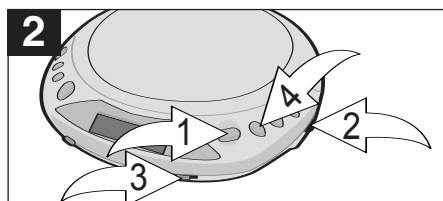
Press the PLAY/PAUSE (▶||)/POWER ON button ❶ to begin playback. The unit will play the first 10 seconds of each track. Adjust the VOLUME control ❷ and DBBS switch ❹ as desired. Press the STOP (■)/POWER OFF button ❷ to stop Intro playback.

TO CANCEL Intro Play, press the Mode button twice.

TO RANDOMLY PLAY BACK A CD



With a CD inserted, press the PLAY/PAUSE (▶||)/POWER ON button ❶ to turn the unit on and press the STOP (■)/POWER OFF button ❷ to stop auto playback. Press the MODE button ❸ four times; the SHUFF indicator will appear in the display.

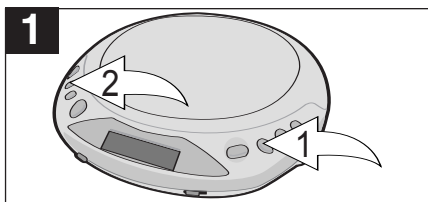


Press the PLAY/PAUSE (▶||)/POWER ON button ❶ to begin playback. The unit will play all the tracks in random order. Adjust the VOLUME control ❷ and DBBS switch ❹ as desired. When all the tracks have been played, the unit will stop. Press the STOP (■)/POWER OFF button ❷ to stop Random playback.

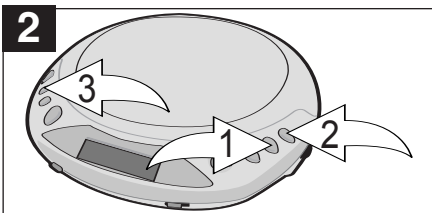
TO CANCEL Random Play, press the Mode button once.

CD OPERATION (CONTINUED)

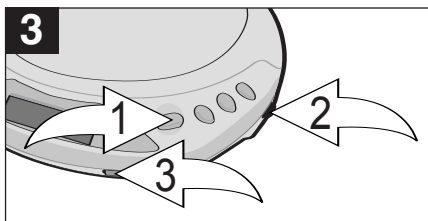
TO PROGRAM THE MEMORY (UP TO 20 TRACKS)



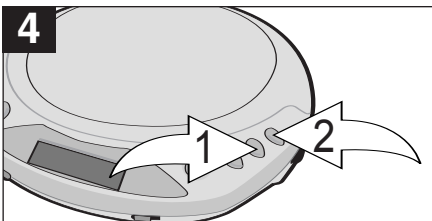
You cannot program a disc during playback. If the disc is playing, press the STOP (■)/POWER OFF button ❶ to first stop playback and then follow the programming steps as follows. Press the PROG button ❷; the track number and PROG indicator will blink in the CD display.



Select the first track to be played back using the SKIP/SEARCH ◀❶ or ▶❷ button, then press the PROG button ❸ again. Repeat this step to program additional tracks up to a maximum of 20 tracks.



Press the PLAY/PAUSE (▶❷❷) /POWER ON button ❶ to begin Programmed playback and adjust the VOLUME control ❷ and DBBS switch ❸ as desired.



To skip forward or backward through the programs, press the SKIP/SEARCH ◀❶ or ▶❷ button. When the disc is through playing, it will stop.

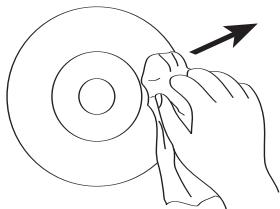
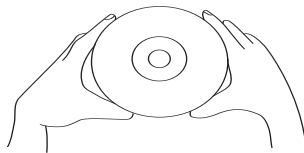
NOTES:

- Press the STOP (■)/POWER OFF button to stop the disc before it is finished.
- As each program is played, the track number is shown in the display.
- To clear the memorized program: press the STOP (■)/POWER OFF button again while in the stop mode, wait approximately 60 seconds and the unit will turn off or open the CD compartment.
- Programming is the ability to preselect the order in which a series of tracks will be played.
- Each track may be stored in the program memory as many times as desired (up to 20 tracks).

CARE AND MAINTENANCE

Caring for Compact Discs

- Treat the compact disc carefully. Handle the compact disc only by its edges. Never allow your fingers to come in contact with the shiny, unprinted side of the compact disc.
- Do not attach adhesive tape, stickers, etc. to the compact disc label.
- Clean the compact disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the compact disc. If necessary, use a CD cleaning kit.
- If a compact disc skips or gets stuck on a section of the disc, it is probably dirty or damaged (scratched).



- When cleaning the compact disc, wipe in straight lines from the center of the compact disc to the outer edge of the compact disc. Never wipe in circular motions.
- This unit is designed to play only compact discs bearing the identification logo as shown here. Other compact discs may not conform to the CD standard and may not play properly.
- Compact discs should be stored in their cases after each use to avoid damage.
- Do not expose compact discs to direct sunlight, high humidity, high temperatures, or dust, etc. Prolonged exposure or extreme temperatures can warp the compact disc.
- Do not stick or write anything on either side of the compact disc. Sharp writing instruments, or the ink may damage the surface.



Cleaning the unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
- Mild soap and a damp cloth may be used on the front panel.

TROUBLESHOOTING GUIDE

If you experience a problem with this unit, check the chart below before calling for service.

SYMPTOM	CAUSE	SOLUTION
Unit will not turn on.	Weak or dead batteries or inserted incorrectly.	Replace batteries and insert correctly.
	Weak or dead Re-chargeable batteries.	Recharge or replace batteries (if used).
	AC adapter not connected.	Check AC adapter connection.
Disc will not play.	CD compartment not closed.	Close CD compartment.
	Disc inserted incorrectly.	Reinsert disc correctly.
	Dirty or defective disc.	Try another disc.
	Moisture condensation on disc.	Wipe disc with soft cloth.
Erratic CD playback.	Dirty or defective disc.	Clean or replace disc.
No sound from headphones.	Headphone plug not inserted correctly.	Reinsert headphone plug correctly.
	VOLUME control set to minimum.	Increase volume.
	Weak batteries.	Replace batteries.
	Defective disc.	Try another disc.
ESP not working.	ESP is not activated.	Press the ESP button.



Emerson

AUTHORIZED SERVICE

TO FIND THE LOCATION AND PHONE NUMBER OF YOUR NEAREST AUTHORIZED SERVICE CENTER...

CALL TOLL FREE: 1-800-695-0098

FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE

PLEASE CALL:
1-800-898-9020

FOR CUSTOMER SERVICE, PLEASE WRITE TO:

Emerson Radio Corp.
Consumer Affairs Dept.
1901 Diplomat Drive
Farmers Branch, TX 75234

**EMERSON RADIO CORP.
LIMITED WARRANTY**

Emerson Radio Corp. warrants manufacturing defects in original material, including original parts and workmanship, under normal use and conditions, for a period of ninety (90) days from the date of original purchase in the U.S. With your dated proof of purchase, we will provide repair service at no charge for labor and parts at an authorized Depot Repair Facility, or replace the product in our discretion. For repair or replacement, pack your unit in a padded box, enclose your check or money order payable to Emerson Radio Corp. in the amount of \$9.00 (not required by California residents) to cover shipping and handling costs, and enclose a copy of your proof of purchase. Send your unit to:

Emerson Radio Corp.
1901 Diplomat Drive
Farmers Branch, TX 75234

This warranty does not cover damage from negligence, misuse, abuse, accident, failure to follow operating instructions, commercial use, rental, repairs by an unauthorized facility, or products purchased, used, serviced or damaged outside of the United States.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

AU898M



EMERSON
PART NO.: 21-2046
407-02

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